ANNUAL PCB REPORT 1983

UNION CARBIDE CORPORATION SISTERSVILLE, WV

	•	STIMATED LIQUID	n.m. *				DATE TRANSPORTED		
TAG NO.	"IN-SERVICE LOCATION	VOLUME (GAL)	PCB*	DATE REMOVED FROM SERVICE	DATE STORED	STORAGE LOCATION	FOR DISPOSAL	DISPOSAL FACILITY	COMMENTS
_ 1	Sub B NE Wall	3.1	17.6	·			·		
ż	11	11	11					. '	
3 * *	11	11	11						
4	11 ,	11	11						
5	Comp Bldg. 42 MCC	71	11						
6	11	Ħ	. 11		٠.			·	
7	Steam Plant C-117E	FI	11	1/82	1/82	Paden City	12/6/82	ENSCO	.(1),(2)
8	17 1	Ħ	. # 1	11 '	!!	11	11	17	11
9	Starter E	, 91	11	·					
10	11	er .	tt	-					
11	11 -	- 11	11						
12	14	ž!	11						
13	Sub A MCC	11	11						
14	11 .	. 11	11	·				·	
15	11	· 11	11					<u> </u>	
16	Sub E1	10.0	56.8						
17.	n	11	11				•		
18	Sub E1 & E2	3.1	17.6			, , ,	``		
19	11 .	11	11						
20	11 '	. 11	11	٠,					

*Using a density of 5.675 Kg/Gal (12.5 lbs/gal) for pure PCB.

COMMENTS: (1) Paden City, W.V. Storage Site - Owned by Ma-Reb Corp.

(2) Energy Systems Company (ENSCO) Disposal Facility - Located in El Dorado, Ark.

(3) Institute, W.V. Storage Site - Owned and Operated by Union Carbide Corp.

(4) Chemical Waste Managment Disposal Facility - Located in Emelle, Al

PREPARED BY E. L. Doerflein

PCB ANNUAL NVENTORY LIQUID FILLED POWER CAPACITORS

TAG NO.	IN-SERVICE LOCATION	ESTIMATED LIQUID VOLUME (GAL)	PCB*	DATE REMOVED FROM SERVICE	DATE STORED	STORAGE LOCATION	DATE TRANSPORTED FOR DISPOSAL	DISPOSAL FACILITY	COMMENTS
21	Sub E1 & E2	3.1	17.6					*****	
22	. 11	11	11		•				
23	ij	11	- 11						
24	11	er ,	11	-			·		
25	11	. 11	11						
26	· tt	11	11						
27	17	11	11		,		•		
28	11	11	. 11	,					
. 29	fī,	- 11	11	,			,		
30	Poly I Tank	. 11	11						
31	ft '	11	31						
32	17	11	11						
33	14	. 11	.11						
34	11	.11	ŧt	· ,			·		
35	11	11	. 11						
36	Sub G MCC	n.	11					·.	
37	ft -	11	tt						
38	Sub B MCC	, 11	11	,	,				
39	II.	tt	11		*		,		
40	11	11	n						

^{*}Using a density of 5.675 Kg/Gal (12.5 lbs/gal) for pure PCB.

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E. L. Doepflein

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Laure .	<u> </u>		-	

TAG NO.	IN-SERVICE LOCATION	ESTIMATED LIQUID VOLUME (GAL)	PCB*	DATE REMOVED FROM SERVICE	DATE STORED	STORAGE LOCATION	DATE TRANSPORTED FOR DISPOSAL	DISPOSAL FACILITY	COMMENTS
41	Sub B MCC	3.1	17.6	•				,	
42	Ħ	# .	11					·	
43	-11	· []	11						
मंग	îi	11	. 11					-	
_ 45	11	Ħ	- 11						
46	11	11	17			·			
47	11	††	11						
48	11	11	. 11						
49	11	11	11	Ţ					
50	11	11	1†	_			_		,
51	11	ar	11						
52	11	41	11					·	
53	Small Scale (SSP)	11	tt						
54 ·	Sub D MCC	11	11		·			•,	
55	11 .	. 11	11						
56	n_{i}	11	11	·		• .			
57	11	. 0	11						
58	Basement Bldg. 1	11 .	11						
59	11	tr	"						
60	11	- 11	11	,			,		

*Using a density of 5.675 Kg/Gal (12.5 lbs/gal) for pure PCB.

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TAG NO.	IN-SERVICE LOCATION	ESTIMATED LIQUID VOLUME (GAL)	PCB*	DATE REMOVED FROM SERVICE	DATE STORED	STORAGE LOCATION	DATE TRANSPORTED FOR DISPOSAL	DISPOSAL FACILITY	COMMENTS
·61	Basement Bldg 1	3.1	17.6					;	
62	* ***	17	37	5/80	5/80	Paden City	12/6/82	ENSCO	(1), (2)
63	11	11	11	11	17	11	11	11	111
64	f1	11	17	11	ŧŧ	11	11	11	. 11
65	11	II	11	11	11	†t	tt	tt .	11
66	11	tt	"	11	Ħ	il	11	11	tt
67	11	. 11	11	11	п.	11	11	tt ·	11
68	11	. ti	. 11	H.	11	11	fi	17	ti .
69	11	11	11	11	11	11	11	11	11 .
70	11	ñ	"	11 /	11	11	fi	11	11
71	ff.	11	11	. 11	11	11	11	tt	11
72	tt .	Ħ	11	11/6/78	11/7/78	Institute	11/8/79	Chem Waste Memt.	(3), (4)
73	ff	tt .	††	14	ž 11	11	19	11	11
74	11	11	11	11 -	11	11	.tt	11	н
7 5	11	77	. 11	5/80	5/80	Paden City	12/6/82	ENSCO	(1), (2)
76	Old 42 MCC	11	11	,		•			
77.	n i	11	17				·		
78	i ii	**	11	3/6/79	3/7/79	Institute	11/8/79	Chem Waste Memt	(3), (4)
79	71	11	11	Ħ	11	Paden City	12/6/82	ENSCO	(1),(2)
80	11	. 11	11 .	11	11 .	11	11	11	11

^{*}Using a density of 5.675 Kg/Gal (2.5 lbs/gal) for pure PCB.

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PCB ANNUAL LIQUID FILLED POWER CAPACITORS

TAG NO.	IN-SERVICE LOCATION	STIMATED LIQUID VOLUME. (GAL)	PCB*	DATE REMOVED FROM SERVICE	DATE STORED	STORAGE LOCATION	DATE TRANSPORTED FOR DISPOSAL	DISPOSAL FACILITY	COMMENTS
_ 81	Old 42 MCC	3.1	17.6	3/6/79	3/7/79	Paden City	12/6/82	ENSCO	(1), (2)
82	18	1)	11	18	11	11	11	11	11
83	77	- 11	11	11	11	ti	11	11	11:
84	11	11	ŧř	11	11	17	Ħ.,	17	11
85	19	ts .	11	tt , ·	11	11	11 _	11	11 .
86	11 .	17	11	31 .	11 -	11	11	11	11
87	13	11	91	. 11	11	11	11	! !	11
88	11	11	- 11	11	11	11	11	11	11
89	†f	, it	11	11	11	1t	11	11	
90	11	n	11	11 .	11	11	- 11	11	n .
91	11	11	11	71	11	t1 .	II	11	11
92	19	et	11	11	Ħ	11	11	11	11 .
93	11	. 11	17	11	tr	11	11	17	11
94	11	· 11	11	11	. 11	, 11	n , ·	11'	н 11
95	Bldg. 33	11	. 11						
96	Sub B Bank B3A	: 11	11			•			
97.	11	11	. 11						
98	Sub B Bank B3B	11	11					. ,	·
99	II	11	11	•	·	•			
		·					·		
			y						

*Using a density of 5.675 Kg/Cal (12.5 lbs/gal) for pure PCB.

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PREPARED BY E. L. Doerflein

EPA004747

AG NO.	IN-SERVICE LOCATION	ESTIMATED LIQUID VOLUME (GAL)	PCB*	DATE REMOVED FROM SERVICE	DATE STORED	STORAGE LOCATION	DATE TRANSPORTED FOR DISPOSAL	DISPOSAL FACILITY	COMMENTS
25	Süb 32-H-1	630	0.4						PCB content = 112 ppm
*							·		(6/14/84 Retest)
·							·		
-				,					
					·				
-									
1									
								,	
				·					
						•			
	,								
								<u> </u>	
					<u> </u>				
*Using a	a density of	5 675 Ka/0	3a j (12	.5 lbs/gal) for					

PREPARED BY E. L. Doerflein

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YEAR 1983

PCB ANNUAL INVENTORY LIQUID FILLED POWER CAPACITORS

	Quantity	x	PCB's (Kg Each) =	PCB's (Kg Total)
1. Capacitors in Service on 12/31/83	64 2		17.6 56.8	1126.4 113.6
Total	66			1240.0
2. Capacitors Removed from Service and Placed in Storage in 1983	0		-	0
			·	
3. Capacitors in Storage from Previous Year on 1/1/83	0		-	
4. Capacitors Transported from Storage to Disposal in 1983	0		-	0
	•			
5. Capacitors in Storage on 12/31/83 (2+3-4)	• 0		-	0
6. Capacitors Transported to Disposal in Previous Years	33		17.6	580.8
Total of 1 + 4 + 5 + 6	99			1820.8
Capacitors in Service on 7/2/78	99			1820.8

	3	· A	. •	011	
•		A.	12	Well-	4/19/84
		dela	هر الم	Up.	

REPARED BY E. L. Doerflein

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PCB ANNUAL INVENTORY

TRANSFORMERS

		Quantity	x	PCB's (Kg Each)	PCB's = (Kg Total)
1.	Transformers in Service on 12/31/83	1		0.4	0.4
2.	Transformers Removed from Service and Placed in Storage in 1983	0			0
3.	Transformers in Storage from Previous Year(s) on 1/1/83	0		-	0
4.	Transformers Transported from Storage to Disposal in 19 <u>83</u>	0		~	0
5.	Transformers in Storage on 12/31/83 (2+3-4)	0		-	.0
6.	Transformers Transported to Disposal in Previous Years	0		- ·	0
Tota	al of 1 + 4 + 5 + 6	1			0.4
*Trar	nsformers in Service on 7/2/78	1			0.4

^{*}Based on 6/14/84 retest of PCB content on Transformer #25. Retest showed 112 ppm; previously used PCB content was 99 ppm.

PREPARED BY Mod Double in 6/28/84

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V.02A.26

6/28/85 ADDENDUM

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1983 ANNUAL PCB REPORT
UNION CARBIDE CORPORATION
SISTERSVILLE, WV

EPA004751

MATERIAL	IN-SERVICE LOCATION	ESTIMATED LIQUID VOLUME (GAL)	PCB*	DATE REMOVED FROM SERVICE	DATE STORED	STORAGE LOCATION	DATE TRANSPORTED FOR DISPOSAL	DISPOSAL FACILITY	COMMENTS
Therminol	Small Scale	1665	1.19	•	•				PCB content = 73 - 190 ppm (Tests conducted 11/84-1785)
60	Production Heat Trans-							,	
	fer System								
		• •				•,			
				-		•	· ·		
					•				
	·						-		All American
				-	·	•			
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	1.					٧,	• 1		
		•							
,				-				·	
	•		, ,	·					

*Using a density of 3.76 Kg/Gal (8.29 lbs/gal) for Therminol 60. Kg PCB = $\frac{\text{(Gal)(3.76)(190 ppm)}}{10^6}$

PREPARED BY E. L. Doerflein

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YEAR 1983

PCB's

PCB ANNUAL INVENTORY

HEAT TRANSFER FLUIDS

		(Kg Total)
1.	Heat Transfer Fluid in Service on 12/31/83	1.19
2.	Heat Transfer Fluid Removed from Service and Placed in Storage in 1983	0
3.	Heat Transfer Fluid in Storage from Previous Year on 1/1/83	0
4.	Heat Transfer Fluid Transported from Storage to Disposal in 1983	0
5.	Heat Transfer Fluid in Storage on 12/31/83	. 0

PREPARED BY And Joyle 6/28/85
E. L. Doerplein

PAGE 2 of 2